

## ABSTRACT

5 A virtual network environment to be used by a set of applications for the express purpose of isolating the applications from other applications on the same node or network is disclosed. The virtual network environment encapsulates a set of applications within a virtual network and prevents applications from interfering, either maliciously or unintentionally, with other applications outside of its virtual network environment. This virtual network environment provides security and network isolation between applications, as is required in a hosted application environment.